

DRAFT Water Screening Values (ug/L)										
Chemical	Surface Water Recreational Use	Groundwater (MCLs)	Drinking Water (Colo)	Ecological water (Colorado)			Ecological sediment (mg/kg)	Agriculture (30 day) (Colorado)	Fish ingestion (Colo)	Pre event baseline average
				Acute	Chronic	Water + Fish				
Aluminum				750 (tot rec)	87 (tot rec)					
Antimony	1.29E+02 nc	6	6.0 (30 day)				5.6		640	
Arsenic, Inorganic	2.15E+00 ca	10	0.02-10 (30 day)	340	150	0.02	33	100	7.6	
Barium	3.49E+04 nc	2,000	490 (30 day)							
Beryllium and compounds	1.00E+02 nc	4	4.0 (30 day)					100		
Cadmium (Water)	6.50E+01 nc	5		calculated	calculated			10		4.31
Cadmium (sediment)							4.98			
Calcium										
Chromium, Total		100		16 (VI)	11	100 (30 day)	111	100		
Cobalt	3.13E+03 nc									
Copper	8.58E+03 nc	1,300	1,000 (30 day)	calculated	calculated	1,300	149	200		73.93
Iron	6.01E+05 nc	300 (2nd)	300 (30 day, diss)		1,000 (tot rec)					7,870
Lead and Compounds		15		calculated	calculated		128	100		14.71
Magnesium										
Manganese	2.55E+03 nc	50 (2nd)	50 (30 day, diss)	calculated	calculated			200		1952
Mercury		2		1.4			1.06			
Molybdenum	4.29E+03 nc									
Nickel Sol Salts	7.87E+03 nc		100 (30 day)	calculated	calculated	610	48.6	200	4,600	
Potassium										
Selenium	4.29E+03 nc	50	50 (30 day)	18.4	4.6	170		20	4,200	
Silver	8.37E+02 nc	100 (2nd)		calculated	calculated					
Sodium										
Thallium (Sol Salts)	3.43E+01 nc	2	0.5 (30 day)		15	0.24			0.47	
Vanadium	7.12E+02 nc									
Zinc	2.92E+05 nc	5,000 (2nd)	5,000 (30 day)	calculated	calculated	7,400	459	2,000	26,000	1,251